

Attorney Docket No.: DEX-0275
Inventors: Macina et al.
Serial No.: 10/001,873
Filing Date: November 20, 2001
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This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of the claims:

Claim 1 (currently amended): An isolated nucleic acid molecule comprising

(a) a nucleic acid molecule comprising a nucleic acid sequence that encodes an amino acid sequence of SEQ ID NO:52;

(b) a nucleic acid molecule comprising a nucleic acid sequence of SEQ ID NO:23 or 24;

(c) a nucleic acid molecule greater than 500 nucleotides that is differentially expressed in cancer that hybridizes under stringent hybridization conditions of 50% formamide/6X SSC at 42°C for at least 10 hours or 6X SSC at 68°C without formamide for at least 10 hours to the nucleic acid molecule of (a) or (b); or

(d) a nucleic acid molecule that is differentially expressed in cancer having at least 96% sequence identity over its entire length to the nucleic acid molecule of (a) or (b).

Claim 2 (original): The nucleic acid molecule according to claim 1, wherein the nucleic acid molecule is a cDNA.

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Claim 3 (canceled)

Claim 4 (original): The nucleic acid molecule according to claim 1, wherein the nucleic acid molecule is a mammalian nucleic acid molecule.

Claim 5 (original): The nucleic acid molecule according to claim 4, wherein the nucleic acid molecule is a human nucleic acid molecule.

Claim 6: (canceled)

Claim 7 (original): A vector comprising the nucleic acid molecule of claim 1.

Claim 8 (original): A host cell comprising the vector according to claim 7.

Claim 9 (original): A method for producing a polypeptide encoded by the nucleic acid molecule according to claim 1, comprising the steps of (a) providing a host cell comprising the nucleic acid molecule operably linked to

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one or more expression control sequences, and (b) incubating the host cell under conditions in which the polypeptide is produced.

Claims 10-14: (canceled)

Claim 15 (currently amended): A kit for detecting a risk of cancer or presence of cancer in a patient, said kit comprising ~~a means~~ an oligonucleotide for determining the presence of the nucleic acid molecule of claim 1 ~~or a polypeptide of claim 11~~ in a sample ~~of~~ from a patient.

Claims 16-17: (canceled)

Claim 18 (previously added): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence comprises SEQ ID NO:23.

Claim 19 (previously added): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence comprises SEQ ID NO:24.

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Claim 20 (previously added): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence encodes amino acid residues 1-70 of SEQ ID NO:52.

Claim 21 (previously added): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence encodes amino acid residues 71-161 of SEQ ID NO:52.